

FIG.3
PRIOR ART

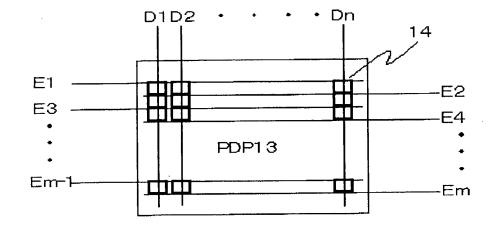
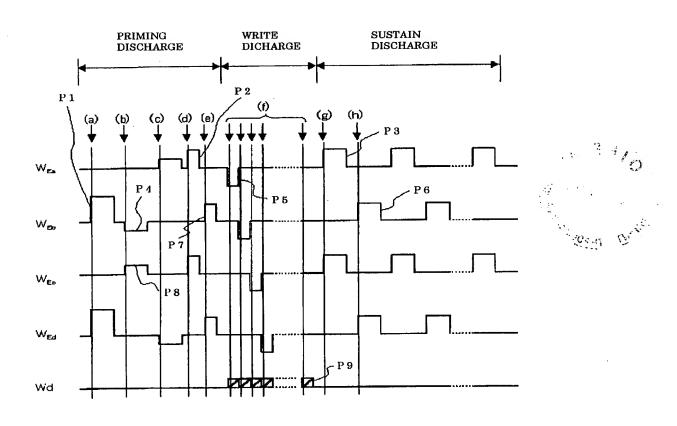


FIG.4
PRIOR ART



P1: PRIMING DISCHARGE PULSE Pp1

P2: PRIMING DISCHARGE ELIMINATION PULSE Ppe

P3: SUSTAIN PULSE

P4: PRIMING DISCHARGE PULSE Pp2

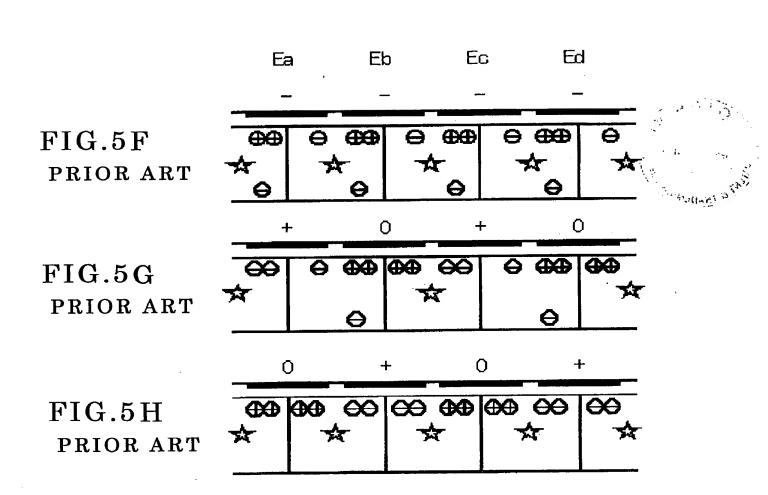
P5: SCAN PULSE P6: SUSTAIN PULSE

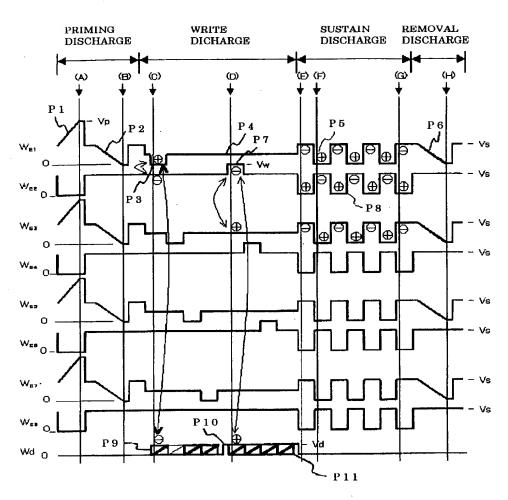
P7: PRIMING DISCHARGE ELIMINATION PULSE Ppe

P8: PRIMING DISCHARGE PULSE Pp3

P9: DATA PULSE

| | Ea O | Eb + | Ec l | Ed + |
|---------------------|--|---------------------------------|----------------------------------|--|
| FIG.5A PRIOR ART | * | 660 600 | ●● ●● ●● | 9 000 ☆ ⊕ |
| FIG.5B PRIOR ART | 0 99 99 | — | + ••• ••• ••• •• | |
| FIG.5C PRIOR ART | + | 0 600 60 60 | 0 00 00 00 0 | - - - - - - - - - - - - - - - - |
| FIG.5D PRIOR ART | + ************************************ | 0 0 0 0 0 0 0 | + *** | ○ 3 63 63 6 |
| FIG.5E PRIOR ART | ○ | + + + + + | - | + ∋ ☆ ⊕ |





P1: PRIMING DISCHARGE PULSE

P2: PRIMING DISCHARGE REMOVAL PULSE

P3: SCAN PULSE

P4: SCAN BASE PULSE

P5: SUSTAIN PULSE

P6: SUSTAIN REMOVAL PULSE

P7: SCAN PULSE

P8: SUSTAIN PULSE

P9: DATA PULSE

P10: DATA BASE PULSE

P11: DATA PULSE

FIG.7A

FIG.7B

FIG.7C

FIG.7D

FIG.7E

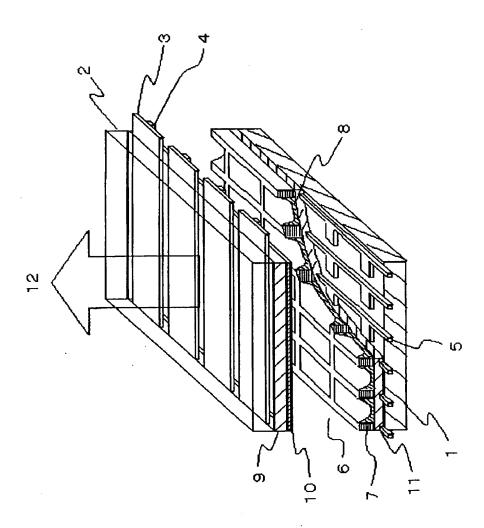
FIG.7F

FIG.7G

FIG.7H

| | en Ez Vo C | | | 4 |
|------|--|--|---------------------------------------|---------|
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| Di i | 1 | 0 | <u> </u> | _ |
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| | | n | | _ |
| | Vs (| 0 | fs | 0 |
| | Vs (| | 6 8 9 | 0 |
| Di (| 666 666 | 666 666 | | 0 |
| Di i | 639 668 C | 634 635 | 80 | o Vs |
| Di i | 0 \ | 684 689 6 0 | 80 | |
| | 600 6000 6 | 6 0 /s | 99 | |
| Di i | 699 866 6 | 0 /s = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 99 | |
| | 0 \ 6 | 939 639 6 | 9 9 9 6 | Vs I |
| 0 | 0 \\ 6000 6000 6000 \\ 0 \\ 0 \\ 0 \\ 0 | 939 639 6 | 9 9 9 6 | Vs I |
| | 0 \\ 6000 6000 \\ 6000 6000 \\ 0 \\ 0 \\ | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | |
| 0 | 0 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | Vs I |
| 0 | 0 \ 6889 6889 Vs | 0 /s | | |

U.S. Application of: T. Nakamura 09/891,664, filed June 27, 2001 METHOD OF DRIVING PLASMA DISPLAY PANEL Q65228 - Sheet 9 of 16

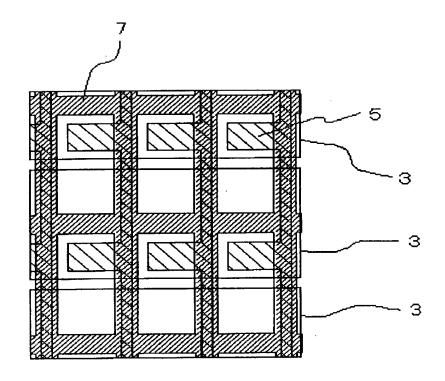




U.S. Application of: T. Nakamura 09/891,664, filed June 27, 2001 METHOD OF DRIVING PLASMA DISPLAY PANEL Q65228 - Sheet 10 of 16

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FIG.9



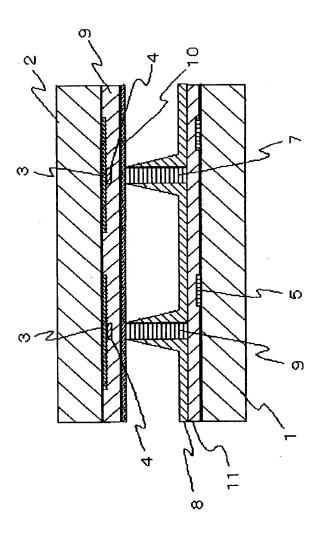




FIG. 1(

U.S. Application of: T. Nakamura 09/891,664, filed June 27, 2001 METHOD OF DRIVING PLASMA DISPLAY PANEL Q65228 - Sheet 12 of 16

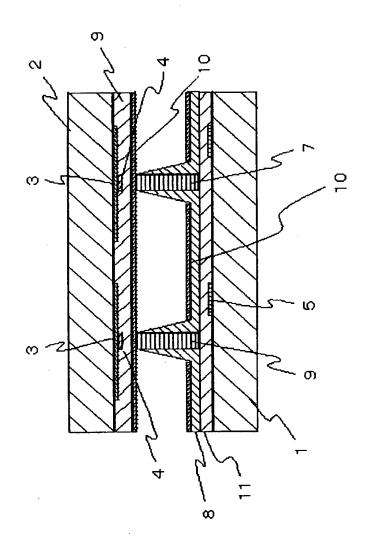
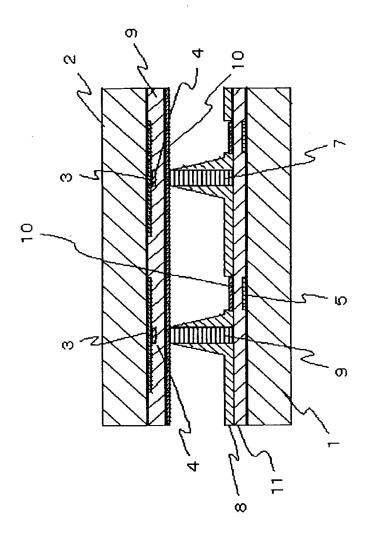
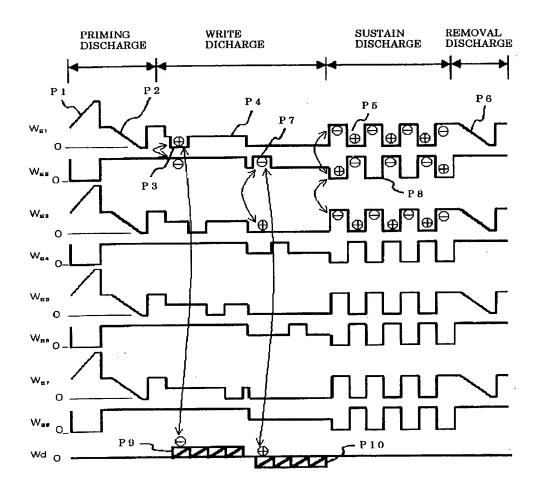


FIG.1







P1: PRIMING DISCHARGE PULSE

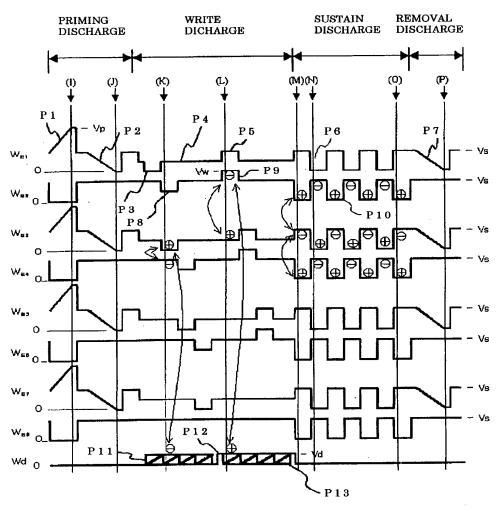
P2: PRIMING DISCHARGE REMOVAL PULSE

P3: SCAN PULSE

P4: SCAN BASE PULSE P5: SUSTAIN PULSE

P6: SUSTAIN REMOVAL PULSE

P7: SCAN PULSE P8: SUSTAIN PULSE P9: DATA PULSE P10: DATA PULSE



P1: PRIMING DISCHARGE PULSE

P2: PRIMING DISCHARGE REMOVAL PULSE

P3: SCAN PULSE

P4: SCAN BASE PULSE

P5: WRITE CANCEL PULSE

P6: SUSTAIN PULSE

P7: SUSTAIN REMOVAL PULSE

P8: WRITE CANCEL PULSE

P9: SCAN PULSE

P10: SUSTAIN PULSE

P11: DATA PULSE

P12: DATE BASE PULSE

P13: DATA PULSE



| | | E1 E2 E3 E4 |
|---------|------------|---|
| FIG.15A | Di | |
| FIG.15B | Oi. | 0 Vs 0 Vs |
| FIG.15C | | Vbw Vbw 0 Vs |
| FIG.15D | DI | Vs Vw Vbw Vs 60 000 000 000 000 |
| FIG.15E | Di | Vs 0 Vs 0 60 600 600 600 600 |
| FIG.15F | D i | 0 Vs 0 Vs |
| FIG.15G | Di | Vs 0 Vs 0 O O O O O O O O O O O O O O O O O O |
| | Di | 0 Vs 0 Vs |
| FIG.15H | Di | 66 € € € 6 E 6 E 6 E E E E E E E E E E |

